Building an image using a Dockerfile. The same command is rerun to see the caching behavior of docker build

```
Administrator: Command Prompt - powershell
                                                                                                                        [+] Building 266.3s (7/7) FINISHED
Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
PS D:\BlueAxis\Documents\UPD\Code\school\197\ME8_Containerization_and_Docker\3-building_images> <mark>docker</mark> build -t 'blueaxi
[+] Building 3.1s (7/7) FINISHED
     internal] load build definition from Dockerfile
>> transferring dockerfile: 31B
 Administrator: Command Prompt - powershell
                                                                                                                        PS D:\BlueAxis\Documents\UPD\Code\school\197\ME8_Containerization_and_Docker\3-building_images> docker images
REPOSITORY
                 TAG
                           IMAGE ID
                                           CREATED
                                                             SIZE
blueaxis/ping
                 latest
                            3b7a8c27c3af
                                            3 minutes ago
                                                             169MB
ubuntu
                                                             134MB
                 16.04
                            aefd7f02ae24
                                            2 weeks ago
PS D:\BlueAxis\Documents\UPD\Code\school\197\ME8_Containerization_and_Docker\3-building_images>
```

Building an image using an optimized Dockerfile

```
Administrator: Command Prompt - powershell
                                                                                                                    PS D:\BlueAxis\Documents\UPD\Code\school\197\ME8 Containerization and Docker\3-building images> <mark>docke</mark>r rmi 3b7
Untagged: blueaxis/ping:latest
Deleted: sha256:3b7a8c27c3aff4a298ae6b7e38cdf24f46ec1b8f92247bb0b192f53cc7a589f1
[+] Building 50.4s (4/5)
[+] Building 270.0s (6/6) FINISHED
Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
PS D:\BlueAxis\Documents\UPD\Code\school\197\ME8 Containerization and Docker\3-building images> <mark>docker</mark> images
REPOSITORY
                TAG
                          IMAGE ID
                                          CREATED
                                                            SIZEcted amd64 Packages [14.1 kB]
blueaxis/ping
                latest
                          d1f1f4faaf27
                                          27 seconds ago
                                                            138MBe amd64 Packages [9827 kB]
ubuntu
                16.04
                          aefd7f02ae24
                                          2 weeks ago
                                                            134MB
PS D:\BlueAxis\Documents\UPD\Code\school\197\ME8_Containerization_and_Docker\3-building_images>
```

Automatically running ping google.com using directives in the Dockerfile

```
Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
PS D: \BlueAxis\Documents\UPD\(code\school\197\ME8_Containerization_and_Docker\3-building_images\) docker run -it blueaxis/
ping
PING google.com (142.250.204.46) 56(84) bytes of data.
64 bytes from 142.250.204.46: icmp_seq=1 ttl=37 time=30.9 ms
64 bytes from 142.250.204.46: icmp_seq=2 ttl=37 time=30.5 ms
64 bytes from 142.250.204.46: icmp_seq=4 ttl=37 time=30.3 ms
^C
--- google.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3005ms
rtt min/avg/max/mdev = 25.540/29.335/30.914/2.205 ms
PS D:\BlueAxis\Documents\UPD\(code\school\197\ME8_Containerization_and_Docker\3-building_images\)
```